

IN THE CLAIMS

1. (Currently Amended) A method for routing an a physical object in a transportation network, comprising:

storing, in a first an electronic database, a first address and a first functional property code associated with a first point to be routed, wherein the first address is the first point of routing a physical object, and wherein the first functional property code describes an intended purpose or property for contents of the physical object routed from ~~for a transmission associated with the first address;~~

storing, in a second the electronic database, ~~a second functional property code,~~ a second address and a second functional property code, ~~and a third address all~~ associated with a second point, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed ~~inherent capability attributable to the second third~~ address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object;

storing, in the second database, a third functional property code and a third address associated with the second address, wherein the third functional property code describes an intended purpose or property for contents of the physical object routed to the third address, wherein the third address describes a third point of routing the physical object, the third point is a destination point of the physical object if the second functional property code is not compatible with the first functional property code;

obtaining the first address, the first functional property code, the second address, and the second functional property code associated with the physical object;

determining the third address in the electronic processing environment if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and the stored third functional property code associated with the second address; in order to ascertain the third address;

sending the third address to the first point if the first functional property code is not compatible with the second functional property code; and

routing an object to the a third point based on the third address, ~~wherein the third address reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.~~

2-3. (Canceled)

4. (Currently Amended) The method of Claim 1, wherein routing the object to the third ~~second~~ point based on the third address comprises associating a label containing the third address with the object.

5. (Canceled)

6. (Original) The method of Claim 1, wherein the second address comprises a partial postal address.

7. (Original) The method of Claim 1, wherein the second address matches the third address.

8. (Original) The method of Claim 1, wherein the first address comprises part of the second address.

9. (Original) The method of Claim 1, wherein the third address comprises a pseudo-address.

10. (Original) The method of Claim 1, wherein the first point comprises an origin point.

11. (Original) The method of Claim 1, wherein the second point comprises a destination point.

12. (Currently Amended) The method of Claim 1, wherein the first database data base and the second database are is co-located with the first point.

13. (Currently Amended) The method of Claim 1, wherein the first database data base and the second database are is remote from the first point.

14. (Currently Amended) The method of Claim 1, wherein the first database data base and the second database comprises a processor and a memory.

15. (Original) The method of Claim 1, wherein the first address is compatible with the second address if the first address matches the second address.

16. (Original) The method of Claim 1, wherein the first address is compatible with the second address if the first address matches part of the second address.

17. (Original) The method of Claim 1, wherein the first functional property code is compatible with the second functional property code if the first functional property codes matches the second functional property code.

18. (Original) The method of Claim 1, further comprising storing the first functional property code at the first point.

19. (Original) The method of Claim 18, further comprising modifying the first functional property code before sending the first functional property code to the data base.

20. (Previously presented) The method of Claim 19, wherein modifying the first functional property code comprises substituting a functional property code other than the first functional property code for the first functional property code.

21. (Original) The method of Claim 1, further comprising sending a no match code from the data base to the first point if the first address is incompatible with the second address.

22. (Original) The method of Claim 1, further comprising sending a no match code from the data base to the first point if the first functional property code is incompatible with the second functional property code.

23. (Currently Amended) The method of Claim 1, further comprising storing, at the ~~data base~~ second database, a fourth ~~third~~ functional property code and a fourth address associated with the third point, wherein the third point is also associated with the second address.

24. (Currently Amended) The method of Claim 23, further comprising determining if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first functional property code is incompatible with the second functional property code.

25. (Currently Amended) The method of Claim 24, further comprising sending a no match code from the data base to the first point if the first functional property code is incompatible with the second functional property code and the fourth ~~third~~ functional property code.

26. (Currently Amended) The method of Claim 23, further comprising:
determining if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first address is compatible with the associated second address;
and

selecting between the third address and the fourth address if the first functional property code is compatible with the third ~~second~~ functional property code and the fourth ~~third~~ functional property code.

27. (Currently Amended) The method of Claim 26, wherein selecting between the third address and the fourth address comprises selecting the address associated with whichever of the third ~~second~~ functional property code and the fourth ~~third~~ functional property code matches the first functional property code.

28. (Currently Amended) The method of Claim 1, wherein the data base stores a third ~~second~~ functional property code, a second address, and a third address for each of a plurality of second points.

29. (Original) The method of Claim 28, wherein determining if the first address is compatible with the second address comprises determining if the first address is compatible with any of the second addresses.

30. (Original) The method of Claim 29, further comprising sending a no match code to the first point if the first address is incompatible with all of the second addresses.

31. (Currently Amended) The method of Claim 1, further comprising storing, at the second database data base, at least one additional functional property code associated with the second point, such that the second point has multiple associated second functional property codes.

32. (Original) The method of Claim 31, wherein the first functional property code is compatible with the second functional property code if the first functional property code is compatible with at least one of the second functional property codes.

33. (Original) The method of Claim 32, further comprising sending a no match code from the data base to the first point if the first functional property code is incompatible with all of the second functional property codes.

34. (Original) The method of Claim 32, wherein at least one of the second functional property codes comprises a negated functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is compatible with the negated second functional property code.

35. (Original) The method of Claim 32, wherein at least one of the second functional property codes comprises a mandatory functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is not compatible with the mandatory second functional property code.

36. (Original) The method of Claim 31, further comprising obtaining and sending at least one additional functional property code associated with the first address, such that the first address has multiple associated first functional property codes.

37. (Original) The method of Claim 36, wherein the first functional property code is compatible with the second functional property code if each of the first functional property codes is compatible with at least one of the second functional property codes.

38. (Original) The method of Claim 1, wherein the transportation network is a parcel delivery network.

39. (Currently Amended) A system for routing ~~an~~ a physical object in a transportation network, comprising:

a first point operable to obtain and send a first address and a first functional property code associated with the first point to a processor, wherein the first address is the first point of routing a physical object, and wherein the first functional property code describes an intended purpose or property for contents of a physical object routed from the first address;

the processor coupled to the first point, the processor programmed to:

store, in a database, ~~a second functional property code, a second address and a second functional property code, and a third address all~~ associated with a second point, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed ~~inherent capability attributable to the second third address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object;~~

store, in the database, a third functional property code and a third address associated with the second address, wherein the third functional property code describes an intended purpose or property for contents of the physical object routed to the third address, wherein the third address describes a third point of routing the physical object, the third point is a destination point of the physical object if the second functional property code is not compatible with the first functional property code;

receive the first address and the first functional property code from the first point;

determine the third address if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and the stored third functional property code associated with the second address in order to ascertain the third address; and

send the third address to the first point if the first functional property code is not compatible with the second functional property code, ~~wherein the third address~~

~~reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.~~

40. (Currently Amended) The system of Claim 39, wherein the first point is further operable to facilitate routing of ~~an~~ the physical object to the third ~~second~~ point based on the third address.

41. (Canceled)

42. (Currently Amended) The system of Claim 39, wherein a label containing the third address is associated with an object and is used to facilitate routing of the object to the third ~~second~~ point.

43. (Currently Amended) The system of Claim 39, wherein the first point is further operable to facilitate retrieving an object from the second ~~second~~ point based on the third address.

44. (Original) The system of Claim 39, wherein the second address comprises a partial postal address.

45. (Original) The system of Claim 39, wherein the second address matches the third address.

46. (Original) The system of Claim 39, wherein the first address comprises part of the second address.

47. (Original) The system of Claim 39, wherein the third address comprises a pseudo-address.

48. (Original) The system of Claim 39, wherein the first point comprises an origin point.

49. (Original) The system of Claim 39, wherein the second point comprises a destination point.

50. (Original) The system of Claim 39, wherein the data base is co-located with the first point.

51. (Original) The system of Claim 39, wherein the data base is remote from the first point.

52. (Original) The system of Claim 39, wherein the data base comprises a processor and a memory.

53. (Original) The system of Claim 39, wherein the first address is compatible with the second address if the first address matches the second address.

54. (Original) The system of Claim 39, wherein the first address is compatible with the second address if the first address matches part of the second address.

55. (Original) The system of Claim 39, wherein the first functional property code is compatible with the second functional property code if the first functional property codes matches the second functional property code.

56. (Original) The system of Claim 39, wherein the first point is further operable to store the first functional property code.

57. (Original) The system of Claim 56, wherein the first point is further operable to modify the first functional property code before sending the first functional property code to the data base.

58. (Original) The system of Claim 57, wherein modifying the first functional property code comprises substituting another functional property code for the first functional property code.

59. (Original) The system of Claim 39, wherein the data base is further operable to send a no match code to the first point if the first address is incompatible with the second address.

60. (Original) The system of Claim 39, wherein the data base is further operable to send a no match code to the first point if the first functional property code is incompatible with the second functional property code.

61. (Currently Amended) The system of Claim 39, wherein the data base is further operable to store a fourth ~~third~~ functional property code and a fourth address associated with a third point, wherein the third point is also associated with the second address.

62. (Currently Amended) The system of Claim 61, wherein the data base is further operable to determine if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first functional property code is incompatible with the second functional property code.

63. (Currently Amended) The system of Claim 62, wherein the data base is further operable to send a no match code to the first point if the first functional property code is incompatible with the second functional property code and the fourth ~~third~~ functional property code.

64. (Currently Amended) The system of Claim 61, wherein the data base is further operable to:

determine if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first address is compatible with the second address; and

select between the third address and the fourth address if the first functional property code is compatible with the third ~~second~~ functional property code and the fourth ~~third~~ functional property code.

65. (Currently Amended) The system of Claim 64, wherein selecting between the third address and the fourth address comprises selecting the address associated with whichever of the second ~~second~~ functional property code and the third ~~third~~ functional property code matches the first functional property code.

66. (Currently Amended) The system of Claim 39, wherein the data base is further operable to store a third ~~second~~ functional property code, a second address, and a third address for each of a plurality of second points.

67. (Original) The system of Claim 66, wherein the data base is further operable to determine if the first address is compatible with any of the second addresses in determining if the first address is compatible with the second address.

68. (Original) The system of Claim 67, wherein the data base is further operable to send a no match code to the first point if the first address is incompatible with all of the second addresses.

69. (Original) The system of Claim 39, wherein the data base is further operable to store at least one additional functional property code associated with the second point, such that the second point has multiple associated second functional property codes.

70. (Original) The system of Claim 69, wherein the first functional property code is compatible with the second functional property code if the first functional property code is compatible with at least one of the second functional property codes.

71. (Original) The system of Claim 70, wherein the data base is further operable to send a no match code to the first point if the first functional property code is incompatible with all of the second functional property codes.

72. (Original) The system of Claim 70, wherein at least one of the second functional property codes comprises a negated functional property code, whereby the first

functional property code is not compatible with the second functional property codes if the first functional property code is compatible with the negated second functional property code.

73. (Original) The system of Claim 70, wherein at least one of the second functional property codes comprises a mandatory functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is not compatible with the mandatory functional property code.

74. (Original) The system of Claim 69, wherein the first point is further operable to obtain and send at least one additional functional property code associated with the first address, such that the first address has multiple associated first functional property codes.

75. (Original) The system of Claim 74, wherein the first functional property code is compatible with the second functional property code if each of the first functional property codes is compatible with at least one of the second functional property codes.

76. (Original) The system of Claim 39, wherein the transportation network is a parcel delivery network.

77. (Currently Amended) A method for routing a physical ~~an~~ object in a transportation network, comprising:

obtaining, at a first point, a first address and a first functional property code associated with a the first point to be routed, wherein the first address is the first point of routing a physical object, and wherein the first functional property code describes an intended purpose or property for contents of the physical object routed from ~~for a transmission associated with~~ the first address;

obtaining, at the first point, a second address and a second functional property code associated with a second point to be routed, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed to the second address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object;

communicating the first address, and the first functional property code, the second address, and the second functional property code;

determining, at a remote location in an electronic processing environment, a third ~~second~~ address associated with a third ~~second~~ point if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and a third functional property code associated with the second address based on the first address and the first functional property code, wherein the second functional property code describes an inherent capability attributable to a third address;

receiving the third ~~second~~ address at the first point; and

facilitating routing of an the physical object from a location to a the third point address based at least on the third second address, wherein the third address reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.

78. (Cancelled)

79. (Cancelled)

80. (Currently Amended) The method of Claim 77, wherein facilitating routing comprises associating a label containing the third ~~second~~ address with the object.

81. (Original) The method of Claim 78, wherein facilitating routing comprises selecting a network node to which to route the object.

82. (Original) The method of Claim 77, further comprising facilitating retrieval of the object from the second point based on the second address.

83. (Original) The method of Claim 77, wherein obtaining a first address and a first functional property code comprises detecting signals from a keyboard that designate the first address and the first functional property code.

84. (Original) The method of Claim 83, wherein detecting signals comprises detecting signals indicating the selection of the first address and the first functional property code in a display menu.

85. (Original) The method of Claim 84, wherein the first address and the first functional property code are displayed in a graphical user interface.

86. (Original) The method of Claim 77, wherein the first address comprises a partial postal address.

87. (Original) The method of Claim 77, wherein the second address comprises a pseudo-address.

88. (Original) The method of Claim 77, wherein the first point comprises an origin point.

89. (Currently Amended) The method of Claim 77, wherein the third ~~second~~ point comprises a destination point.

90. (Original) The method of Claim 77, further comprising storing the first functional property code at the first point.

91. (Original) The method of Claim 90, further comprising modifying the first functional property code before communicating the first functional property code.

92. (Original) The method of Claim 91, wherein modifying the first functional property code comprises substituting another functional property code for the first functional property code.

93. (Original) The method of Claim 91, wherein modifying the first functional property code comprises adding another functional property code to the first functional property code such that there are multiple functional property codes associated with the first address.

94. (Original) The method of Claim 77, wherein obtaining a first address and a first functional property code comprises generating the functional property code based on automated optical recognition of the object.

95. (Original) The method of Claim 77, further comprising receiving a no match code indicating that the first address is incompatible.

96. (Original) The method of Claim 77, further comprising receiving a no match code indicating that the first functional property code is incompatible.

97. (Original) The method of Claim 77, further comprising obtaining and communicating at least one additional functional property code associated with the first address, such that the first address has multiple associated first functional property codes.

98. (Original) The method of Claim 97, wherein at least one of the first functional property codes comprises a negated functional property code.

99. (Original) The method of Claim 98, wherein at least one of the first functional property codes comprises a mandatory functional property code.

100. (Original) The method of Claim 77, wherein the transportation network is a parcel delivery network.

101. (Currently Amended) A method for routing ~~an~~ a physical object in a transportation network, comprising:

receiving a first address and a first functional property code associated with a first point to be routed, wherein the first address is the first point of routing a physical object, and wherein the first functional property code describes an intended purpose or property for contents of the physical object routed from ~~for a transmission associated with the first address;~~

storing, in ~~a an electronic~~ database, ~~a second functional property code, a second address and a second functional property code, and a third address~~ all associated with a second point, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed ~~inherent capability attributable to the second third address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object;~~

storing, in the second database, a third functional property code and a third address associated with the second address, wherein the third functional property code describes an intended purpose or property for contents of the physical object routed to the third address, wherein the third address describes a third point of routing the physical object, the third point is a destination point of the physical object if the second functional property code is not compatible with the first functional property code;

determining the third address in the electronic processing environment if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and the stored third functional property code associated with the second address; in order to ascertain the third address; and

generating the third address if the first functional property code is not compatible with the second functional property code, ~~wherein the third address reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.~~

102. (Original) The method of Claim 101, wherein the second address comprises a partial postal address.

103. (Original) The method of Claim 101, wherein the second address matches the third address.

104. (Original) The method of Claim 101, wherein the first address comprises part of the second address.

105. (Original) The method of Claim 101, wherein the third address comprises a pseudo-address.

106. (Currently Amended) The method of Claim 101, wherein the ~~second~~ point comprises a destination point.

107. (Original) The method of Claim 101, wherein the first address is compatible with the second address if the first address matches the second address.

108. (Original) The method of Claim 101, wherein the first address is compatible with the second address if the first address matches part of the second address.

109. (Original) The method of Claim 101, wherein the first functional property code is compatible with the second functional property code if the first functional property codes matches the second functional property code.

110. (Original) The method of Claim 101, further comprising generating a no match code if the first address is incompatible with the second address.

111. (Original) The method of Claim 101, further comprising generating a no match code if the first functional property code is incompatible with the second functional property code.

112. (Currently Amended) The method of Claim 101, further comprising storing a fourth ~~third~~ functional property code and a fourth address associated with a third point, wherein the third point is also associated with the second address.

113. (Currently Amended) The method of Claim 112, further comprising determining if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first functional property code is incompatible with the second functional property code.

114. (Currently Amended) The method of Claim 113, further comprising generating a no match code if the first functional property code is incompatible with the second functional property code and the fourth ~~third~~ functional property code.

115. (Currently Amended) The method of Claim 112, further comprising:
determining if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first address is compatible with the second address;
selecting between the third address and the fourth address if the first functional property code is compatible with the third ~~second~~ functional property code and the fourth ~~third~~ functional property code.

116. (Currently Amended) The method of Claim 115, wherein selecting between the third address and the fourth address comprises selecting the address associated with whichever of the third ~~second~~ functional property code and the fourth ~~third~~ functional property code matches the first functional property code.

117. (Currently Amended) The method of Claim 101, wherein a data base stores the third ~~a-second~~ functional property code, a second address, and a third address for each of a plurality of second points.

118. (Original) The method of Claim 117, wherein determining if the first address is compatible with the second address comprises determining if the first address is compatible with any of the second addresses.

119. (Original) The method of Claim 118, further comprising generating a no match code if the first address is incompatible with all of the second addresses.

120. (Currently Amended) The method of Claim 101, further comprising storing at least one additional functional property code associated with the second point, such that the second point has multiple associated third ~~second~~ functional property codes.

121. (Original) The method of Claim 120, wherein the first functional property code is compatible with the second functional property code if the first functional property code is compatible with at least one of the second functional property codes.

122. (Original) The method of Claim 121, further comprising generating a no match code if the first functional property code is incompatible with all of the second functional property codes.

123. (Original) The method of Claim 121, wherein at least one of the second functional property codes comprises a negated functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is compatible with the negated second functional property code.

124. (Original) The method of Claim 121, wherein at least one of the second functional property codes comprises a mandatory functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is not compatible with the mandatory second functional property code.

125. (Original) The method of Claim 120, further comprising receiving at least one additional functional property code associated with the first address, such that the first address has a plurality of associated first functional property codes.

126. (Original) The method of Claim 124, wherein the first functional property code is compatible with the second functional property code if each of the first functional property codes is compatible with at least one of the second functional property codes.

127. (Original) The method of Claim 101, wherein the transportation network is a parcel delivery network.

128. (Previously presented) An apparatus for routing a physical ~~an~~ object in a transportation network, comprising:

a memory operable to store:

a first address and a first functional property code associated with a first point to be routed, wherein the first address is the first point of routing a physical object, and wherein the first functional property code describes an intended purpose or property for contents of the physical object routed from ~~for a transmission associated with the first address; and~~

~~a second functional property code,~~ a second address and a second functional property code, ~~and a third address all~~ associated with a second point, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed ~~inherent capability attributable to the second~~ ~~third~~ address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object; and

a third functional property code and a third address associated with the second address, wherein the third functional property code describes an intended purpose or property for contents of the physical object routed to the third address, wherein the third address describes a third point of routing the physical object, the third point is a destination point of the physical object if the second functional property code is not compatible with the first functional property code; and

a processor coupled to the memory, the processor programmed to:

receive the first address and the first functional property code;

determine determining the third address if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and the stored third functional property code associated with the second address; in order to ascertain the third address;; and

generate a signal representing the third address if the first functional property code is not compatible with the second functional property code, ~~wherein the third address reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.~~

129. (Original) The apparatus of Claim 128, wherein the second address comprises a partial postal address.

130. (Original) The apparatus of Claim 128, wherein the second address matches the third address.

131. (Original) The apparatus of Claim 128, wherein the first address comprises part of the second address.

132. (Original) The apparatus of Claim 128, wherein the third address comprises a pseudo-address.

133. (Original) The apparatus of Claim 128, wherein the second point comprises a destination point.

134. (Original) The apparatus of Claim 128, wherein the first address is compatible with the second address if the first address matches the second address.

135. (Original) The apparatus of Claim 128, wherein the first address is compatible with the second address if the first address matches part of the second address.

136. (Original) The apparatus of Claim 128, wherein the first functional property code is compatible with the second functional property code if the first functional property codes matches the second functional property code.

137. (Original) The apparatus of Claim 128, wherein the processor is further operable to generate a no match code if the first address is incompatible with the second address.

138. (Original) The apparatus of Claim 128, wherein the processor is further operable to generate a no match code if the first functional property code is incompatible with the second functional property code.

139. (Currently Amended) The apparatus of Claim 128, wherein the memory is further operable to store a fourth ~~third~~ functional property code and a fourth address associated with a third point, wherein the third point is also associated with the second address.

140. (Original) The apparatus of Claim 139, wherein the processor is further operable to determine if the first functional property code is compatible with the third functional property code if the first functional property code is not compatible with the second functional property code.

141. (Currently Amended) The apparatus of Claim 140, wherein the processor is further operable to generate a no match code if the first functional property code is incompatible with the second functional property code and the fourth ~~third~~ functional property code.

142. (Currently Amended) The apparatus of Claim 139, wherein the processor is further operable to:

determine if the first functional property code is compatible with the fourth ~~third~~ functional property code if the first address is compatible with the second address; and

select between the third address and the fourth address if the first functional property code is compatible with the third ~~second~~ functional property code and the fourth ~~third~~ functional property code.

143. (Currently Amended) The apparatus of Claim 142, wherein selecting between the third address and the fourth address comprises selecting the address associated with whichever of the third ~~second~~ functional property code and the fourth ~~third~~ functional property code matches the first functional property code.

144. (Currently Amended) The apparatus of Claim 128, wherein the memory is further operable to store a third ~~second~~ functional property code, a second address, and a third address for each of a plurality of second points.

145. (Original) The apparatus of Claim 144, wherein the processor is further operable to determine if the first address is compatible with any of the second addresses to determine the first address is compatible with the second address.

146. (Original) The apparatus of Claim 145, wherein the processor is further operable to generate a no match code if the first address is incompatible with all of second addresses.

147. (Original) The apparatus of Claim 128, further comprising storing at least one additional functional property code associated with the second point, such that the second point has multiple associated second functional property codes.

148. (Original) The apparatus of Claim 147, wherein the first functional property code is compatible with the second functional property code if the first functional property code is compatible with at least one of the second functional property codes.

149. (Original) The apparatus of Claim 148, wherein the processor is further operable to generate a no match code if the first functional property code is incompatible with all of the second functional property codes.

150. (Original) The apparatus of Claim 148, wherein at least one of the second functional property codes comprises a negated functional property code, whereby the first functional property code is not compatible with the second functional property codes if the first functional property code is compatible with the negated second functional property code.

151. (Original) The apparatus of Claim 150, wherein at least one of the second functional property codes comprises a mandatory functional property code, whereby the first functional property code is not compatible with the second functional property codes if the

first functional property code is not compatible with the mandatory second functional property code.

152. (Original) The apparatus of Claim 147, wherein the processor is further operable to receive at least one additional functional property code associated with the first address, such that the first address has a plurality of associated first functional property codes.

153. (Original) The apparatus of Claim 152, wherein the processor is further operable to determine if each of the first functional property codes is compatible with at least one of the second functional property codes to determine if the first functional property code is compatible with the second functional property code.

154. (Original) The apparatus of Claim 128, wherein the transportation network is a parcel delivery network.

155. (Currently Amended) A method for routing ~~an~~ a physical object in a transportation network, comprising:

obtaining, at a first point, a first address and a stored code associated with ~~an~~ a physical object to be routed;

determining electronically whether to use the stored code or an alternative property code as a first functional property code based on whether a user provides the alternative property code, wherein the first functional property code describes an intended purpose or property for contents of the physical object routed from ~~for a transmission associated with the~~ first address;

storing, in an electronic database, ~~a second functional property code,~~ a second address and a second functional property code, ~~and a third address all of which is~~ associated with a second point, wherein the second functional property code describes an intended purpose or property for contents of the physical object routed to the second address, wherein the second address describes a second point of routing the physical object, the second point being a requested destination point of the physical object;

storing, in the database, a third functional property code and a third address associated with the second address, wherein the third functional property code describes an intended purpose or property for contents of the physical object routed to the third address, wherein the third address describes a third point of routing the physical object, the third point is a destination point of the physical object if the second functional property code is not compatible with the first functional property code;

determining the third address in the electronic processing environment if the first functional property code is not compatible with the second functional property code, wherein the third address reflects a match between the obtained first functional property code and the stored third functional property code associated with the second address; ~~in order to ascertain the third address, wherein the second functional property code describes an inherent capability attributable to the third address;~~ and

sending the third address to the first point if the first functional property code is not compatible with the second functional property code, ~~wherein the third address reflects a match between the first functional property code and at least one of a plurality of functional property codes associated with the second address.~~

156. (Previously presented) The method of Claim 155, wherein the stored code comprises a default functional property code associated with the first point.

157. (Previously presented) The method of Claim 155, wherein obtaining, at the first point, the first address and the stored code comprises:

receiving, at the first point, the first address from the user; and
accessing, at the first point, the stored code from a memory.

158. (Previously presented) The method of Claim 157, wherein determining whether to use the stored code or the alternative property code is based on whether a prefix is provided for the first address, and wherein the alternative property code comprises the prefix.

159. (Currently Amended) The method of Claim 155, further comprising routing the object to the third ~~second~~ point based on the third address.

160. (Canceled)

161. (Currently Amended) The method of Claim 159, wherein routing the object to the third ~~second~~ point based on the third address comprises associating a label containing the third address with the object.

162. (Currently Amended) The method of Claim 155, further comprising retrieving the object from the third ~~second~~ point based on the third address.

163. (Previously presented) The method of Claim 155, wherein the second address comprises a partial postal address.

164. (Previously presented) The method of Claim 155, wherein the second address matches the third address.

165. (Previously presented) The method of Claim 155, wherein the first address comprises part of the second address.

166. (Previously presented) The method of Claim 155, wherein the third address comprises a pseudo-address.

167. (Previously presented) The method of Claim 155, wherein the first point comprises an origin point.

168. (Previously presented) The method of Claim 155, wherein the second point comprises a destination point.

169. (New) The method of Claim 1, further comprising routing the physical object to an intermediary point between the first point and the third point.

170. (New) The method of Claim 169, wherein the intermediary point is operable to modify the physical object.

171. (New) The method of Claim 169, wherein the intermediary point is operable to substitute the physical object.

172. (New) The method of Claim 169, wherein the intermediary point is operable to associate a label with the physical object, wherein the label contains information facilitating the routing of the physical object to the third point.

173. (New) The method of Claim 1, further comprising routing the physical object to an intermediary point between the first point and the second point.

174. (New) The method of Claim 1, wherein the first database and the second database are coupled to form one database.

175. (New) The method of Claim 1, wherein the first functional property code is one of a plurality of first functional property codes, wherein the second functional property code is one of a plurality of second functional property codes, wherein the third functional property code is one of a plurality of third functional property codes, wherein the first address is one of a plurality of first addresses, wherein the second address is one of a plurality of second addresses, and wherein the third address is one of a plurality of third addresses.